

What is claimed is:

[Claim 1] We claim as our invention:

1. A golf club head comprising:

a face component having a mass ranging from 25 grams to 100 grams, the face component comprising a striking plate portion and a return portion, the return portion and an exterior surface of the striking plate portion being composed of a low-density material, the face component also comprising a second layer disposed on an interior surface of the striking plate portion, the second layer composed of a material having a density greater than the density of the low-density material; and

an aft-body connected to the face component, the aft-body having a mass ranging from 10 grams to 60 grams,

wherein the golf club head has a mass ranging from 165 grams to 225 grams and a volume ranging from 290 cubic centimeters to 600 cubic centimeters.

[Claim 2] 2. The golf club head according to claim 1 further comprising a weight member having a mass ranging from 30 grams to 120 grams.

[Claim 3] 3. The golf club head according to claim 1 wherein the return portion and the exterior surface of the striking plate portion are composed of a material having a density less than 5.0 g/cc, and the second layer of the face component is composed of a material having density greater than 5.0g/cc.

[Claim 4] 4. The golf club head according to claim 1 wherein the aft-body is composed of a plurality of plies of pre-preg material.

[Claim 5] 5. The golf club head according to claim 1 wherein the aft-body has a mass ranging from 15 grams to 50 grams.

[Claim 6] 6. The golf club head according to claim 2 wherein the weight member has a mass ranging from 50 grams to 80 grams.

[Claim 7] 7. The golf club head according to claim 1 wherein the golf club head has a volume ranging from 385 cubic centimeters to 475 cubic centimeters.

[Claim 8] 8. The golf club head according to 1 wherein the return portion and the exterior surface of the striking plate portion are composed of an aluminum alloy material, and the second layer of the face component is composed of a titanium alloy material.

[Claim 9] 9. The golf club head according to claim 1 wherein the return portion and the exterior surface of the striking plate portion are composed of a material having a density less than 3.0 g/cc, and the second layer of the face component is composed of a material having density greater than 5.0 g/cc.

[Claim 10] 10. The golf club head according to claim 1 wherein the return portion and the exterior surface of the striking plate portion are composed of an aluminum alloy material, and the second layer of the face component is composed of a steel alloy material.

[Claim 11] 11. The golf club head according to claim 1 wherein the return portion and the exterior surface of the striking plate portion are composed of a magnesium alloy material, and the second layer of the face component is composed of a steel alloy material.

[Claim 12] 12. The golf club head according to claim 1 wherein the return portion and the exterior surface of the striking plate portion are composed of a magnesium alloy material, and the second layer of the face component is composed of a titanium alloy material.

[Claim 13] 13. The golf club head according to claim 1 wherein the low density material that forms the return portion and the exterior surface of the striking plate portion has a thickness ranging from 0.030 inch to 0.060 inch, and the second layer of the face component has a thickness ranging from 0.030 inch to 0.060 inch.

[Claim 14] 14. A golf club head comprising:

a face component having a mass ranging from 25 grams to 100 grams, the face component comprising a striking plate portion and a return portion, the return portion and an exterior surface of the striking plate portion being composed of an aluminum alloy material, the face component also comprising a second layer disposed on an interior surface of the striking plate portion, the second layer composed of a material having a density greater than the density of the aluminum alloy material;

an aft-body connected to the face component, the aft-body having a mass ranging from 10 grams to 60 grams, the aft-body composed of a non-metal material; and

at least one weight member attached to the aft-body, the at least one weight member having a mass ranging from 30 grams to 120 grams,

wherein the golf club head has a mass ranging from 165 grams to 225 grams and a volume ranging from 290 cubic centimeters to 600 cubic centimeters.

[Claim 15] 15. The golf club head according to claim 14 wherein the golf club head has a volume ranging from 385 cubic centimeters to 475 cubic centimeters.

[Claim 16] 16. The golf club head according to claim 14 wherein the moment of inertia about the Izz axis of the golf club head is greater than 3000 grams-centimeter squared.

[Claim 17] 17. The golf club head according to claim 14 wherein aluminum alloy material that forms the return portion and the exterior surface of the striking plate portion has a thickness ranging from 0.030 inch to 0.060 inch, and the second layer of the face component has a thickness ranging from 0.030 inch to 0.060 inch.

[Claim 18] 18. The golf club head according to claim 14 wherein the second layer of the face component is composed of a titanium alloy material.

[Claim 19] 19. The golf club head according to claim 14 wherein the aft-body comprises a crown portion and a sole portion.

[Claim 20] 20. The golf club head according to claim 19 wherein the sole portion of the aft-body comprises a bottom section and a ribbon section.

[Claim 21] 21. The golf club head according to claim 18 wherein the return portion comprises an upper lateral section and a lower lateral section.

[Claim 22] 22. The golf club head according to claim 18 wherein the return portion comprises a heel lateral section and a toe lateral section.

[Claim 23] 23. The golf club head according to claim 18 wherein the return portion comprises an upper lateral section.

[Claim 24] 24. The golf club head according to claim 18 wherein the return portion comprises a lower lateral section.

